



The City of OKLAHOMA CITY

**Staff Only:** \_\_\_\_\_ Date Stamp \_\_\_\_\_

Zoning: HP or HL

District: Parso

HPCA- 24-00/06

Received by: JL



**APPLICATION FOR CERTIFICATE OF APPROPRIATENESS**

NOTE: any relevant permits must be applied for and paid for separately in the Development Services Dept.

NOTE: Contact Historic Preservation Staff for final design inspection when work is complete.

Please select:  New Project  Revision  Extension  Violation Notice Issued

Location of Proposed Work (Address): 525 NW 27th, Oklahoma City

Legal Description of Property (lot, block, addition): GUERNSEY PARK PLACE 013 000 E 1/2 LOT 17 & ALL LOT 18

Year built: 1925 Exterior wall material: Vinyl Floor area: 1376 sq.ft.

Itemized Work Items (List EACH ITEM proposed. Work not listed here will NOT be reviewed):

New Construction  Addition  Fence  Demolition (specify structure) \_\_\_\_\_

Paving (specify) Concrete  Renovation (specify) Below

Work not specified above replacement of black gutters, vertical Hardie batton and board  
out the street facing porch piece, the rest of the house in a 8 inch horizontal Hardie siding, new porch posts with 8 inch wrapped  
Hardie and painted white or black, vertical cedar fence all the way around and demo/repour of the driveway.

**Owner's Authorization**

I hereby certify that all above statements and statements contained in all attached and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I agree to complete the changes in accordance with approved plans in a good and workmanlike manner. I authorize the City of Oklahoma City to enter the property for the purpose of observing and photographing the project for presentations and to ensure consistency between the approved proposal and the completed project.

(If applicable): I authorize my representative to speak for me in matters regarding this application. Any agreement made by my representative regarding this proposal will be binding upon me.

Owner's Signature Shawn Lawrence Date 10/1/24

Name (printed) Shawn Lawrence Organization \_\_\_\_\_

Address 504 Country Club Drive Phone 949-274-6090

City, State, Zip Edmond, OK 73025 Email shawnlawrence9@gmail.com

I prefer to be:  Mailed or  Emailed.

Representative Signature \_\_\_\_\_ Date \_\_\_\_\_

Name (printed) \_\_\_\_\_ Organization \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_

City, State, Zip \_\_\_\_\_ Email \_\_\_\_\_

I prefer to be:  Mailed or  Emailed.

Contact:  Owner  Representative

Is Federal money, a federal license or a federal permit included/required for any part of this project? Yes / No

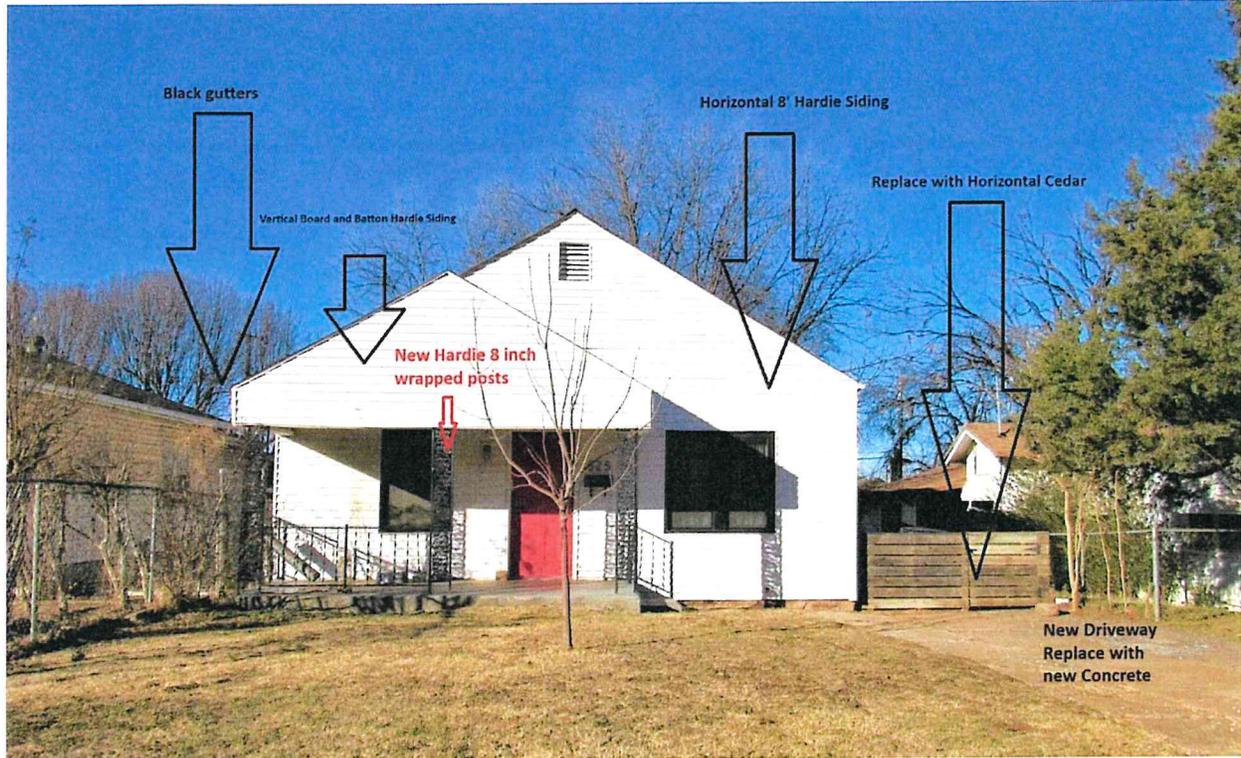
If yes, what Federal agency? NA

Is the property owner pursuing the Federal Tax Credits for Rehabilitation of income producing historic properties? Yes / No (For questions concerning the federal tax credit program, telephone the State Historic Preservation Office at (405) 522-4479).

NOTE: Specific deadlines apply to submission of additional documentation or requests for appeals. Should your project be continued or denied, you are responsible for compliance with those deadlines.



This was the property when I purchase it and here are proposed changes with replacement of black gutters, vertical Hardie batton and board out the street facing porch piece, the rest of the house in a 8 inch horizontal Hardie siding, new porch posts with 8 inch wrapped Hardie and painted white or black, vertical cedar fence all the way around and demo/repour of the driveway.



Because of a failure of two posts, I was forced to reinforce the porch. The new posts are 8 inches in width and depth.





Please ignore second story – There will be no second story or shaker style siding, but I wanted to show the general theme of what I was hoping to achieve. I believe in my opinion this style fits within the area and these siding combinations are very common within the area and are substantially higher quality than existing conditions.



**Newcon Siding LLC**

24525 N Portland Ave  
Edmond, OK 73025  
+14056271264  
billing@newconsiding.com



**Estimate**

ADDRESS  
Bespoke

SHIP TO  
Bespoke

ESTIMATE DATE  
525 NW 27th  
08/28/2024

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
		525 NW 27th			
	NewCon 8" Lap Siding Single Story Volume	NewCon 8" Lap Siding Single Story Volume (Smooth Mill)	1,666	4.75	7,913.50
	Additional Service	Removal of Existing Siding & Installation of OSB Board & House Wrap	1,552	4.00	6,208.00
	CBUSA Turnkey Porch Soffit Pricing	CBUSA Turnkey Porch Soffit Pricing	160	5.00	800.00
	Additional Service	Dumpster Charge	1	500.00	500.00
TOTAL					<b>\$15,421.50</b>

Accepted By

Accepted Date



Proposed fence (red) and driveway/sidewalk (blue)



Example of design concept



Example of design concept

## SECTION 07462

### SIDING

(James Hardie HZ10 Engineered for Climate Siding)

Display hidden notes to specifier. (Don't know how? [Click Here](#))  
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**\*\* NOTE TO SPECIFIER \*\* James Hardie Building Products, Inc.; siding panels and building boards.**

**This section is based on the products of James Hardie Building Products, Inc., which is located at:**

**26300 La Alameda Suite 400**

**Mission Viejo, CA 92691**

**Toll Free Tel: 866-274-3464**

**Tel: 949-367-4980**

**Fax: 949-367-4981**

**Email: [request info \(info@jameshardie.com\)](mailto:info@jameshardie.com)**

**Web: [www.jameshardiepros.com](http://www.jameshardiepros.com)**

**[ [Click Here](#) ] for additional information.**

**We have operations in the United States, Australia, New Zealand, Asia, and Europe. No matter where we operate, our goal is to remain at the forefront of the fiber-cement industry, capitalizing on our global leadership in building products and manufacturing and technology for both new home construction and remodeling.**

**At James Hardie, we create innovative products that increase the beauty, value, safety and durability of the buildings you design. Explore increased design options through our wide variety of product colors and textures, and enjoy superior performance that allows your designs to last a lifetime.**

#### **Siding Products**

**James Hardie Building Products, Inc. Artisan Lap.**

**Use architectural-grade Artisan Lap and the difference is plain to see. Utilizing the thickest material on the market-Artisan Lap creates deeply defined shadow lines which are both aesthetically pleasing and structurally integrated. Our unique tongue-and-groove design means tighter tolerances for a precise fit and finish.**

**James Hardie Building Products, Inc. HardiePlank Lap Siding.**

**HardiePlank lap siding offers the beauty and traditional look of wood lap siding while providing very non-wood-like benefits: low maintenance and an unmatched resistance to weather damage in wet and humid climates while retaining its natural beauty. Our proprietary ColorPlus Technology combines a professionally developed 26-color paint palette optimally formulated for use with fiber cement. The multi-coat, baked-on factory application process delivers a strikingly beautiful and consistent finished product.**

**James Hardie Building Products, Inc. HardieShingle Siding.**

**HardieShingle siding has the same warm, authentic look as cedar shingles, yet it doesn't rot, crack or split. It's beautiful as a primary siding or as a complement to other styles of**

**James Hardie siding. Our shingle siding panels come in a variety of decorative edges, and expedite installation in larger areas. Ideal for smaller coverage areas, HardieShingle individual shingles come in a variety of widths for an authentic handcrafted look.**

**James Hardie Building Products, Inc. HardiePanel Vertical Siding.** HardiePanel siding products offer protection from fire, weather, and insects. Use our recommended metal edging to create sharp, expressed seams that result in a visually stunning exterior surface that's as low-maintenance and low-cost as it is high-quality. Residential vertical siding is also available in wood grain and stucco patterns.

**Trim:**

The perfect accent for James Hardie's architectural grade Artisan Lap is architectural-grade Artisan Accent Trim. With an impressive thickness of 1.5", it casts the same dramatically deep and defined shadows as the Artisan Lap it accompanies. Of course, it also offers the same durability, low maintenance and ease of installation.

**James Hardie Building Products, Inc. HardieTrim Boards:**

Our fiber cement trim and fascia add the finishing touch to a beautiful, lasting project. They provide unmatched durability in corners, columns, windows, rakes and friezes. HardieTrim boards are pre-primed with PrimePlus sealer and primer. This proprietary process for fiber cement trim ensures uniform coverage of sealer and primer, providing an excellent surface for paints. HardieTrim boards come with a 10-year transferable limited warranty.

**James Hardie Building Products, Inc. 2X Smooth HardieTrim:**

James HardiTrim 2X boards are decorative non-load bearing trim products with a foam backing.

**James Hardie Building Products, Inc. HardieSoffit Panels:**

James Hardie pre-cut soffit panels eliminate the need for separate box or strip vents and minimize the need for cutting. HardieSoffit panels are available vented or non-vented, in a range of pre-cut sizes. All styles are pre-primed with PrimePlus sealer and primer. This proprietary process ensures uniform coverage of sealer and primer, providing an excellent surface for paints.

**James Hardie Building Products, Inc. HardieBacker 1/4 inch Cement Board, with EZ Grid Technology:**

HardieBacker 1/4 inch Cement Board, with EZ Grid Technology, for floors and countertops is America's best selling 1/4 inch board. It's the solution you can trust for your wet area floors, walls, ceilings, and countertops. This no-mesh board is the lightest cement board available and cuts easily, even in tight, awkward spaces.

**James Hardie Building Products, Inc. HardieBacker 1/2 inch Cement Board**

HardieBacker 1/2 inch Cement Board for walls and floors delivers superior protection against moisture damage and mold growth. Its smooth surface may be painted, textured, wallpapered, or tiled.

**Green and Sustainable:**

We support the entire building industry's efforts in creating materials that deliver more sustainable homes, neighborhoods and commercial buildings. Together, we hope to provide a better built environment that will endure years to come.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

**\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.**

- A. Fiber cement lap siding, panels, shingle, trim, fascia, moulding and accessories; James Hardie HZ10 Engineered for Climate Siding.
- B. Factory-finished fiber cement lap siding, panels, shingle, trim, fascia, moulding and accessories; James Hardie HZ10 Engineered for Climate Siding.

## 1.2 RELATED SECTIONS

**\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.**

- A. Section 05400 - Light Gage Metal Framing: Wall framing and bracing.
- B. Section 06100 - Rough Carpentry: Wood framing and bracing.
- C. Section 06100 - Rough Carpentry: Sheathing.
- D. Section 07210 - Insulation: Exterior wall insulation.

## 1.3 REFERENCES

**\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.**

- A. AS D3359 - Standard Test Method for Measuring Adhesion by Tape Test, Tool and Tape.
- B. AS E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C.

## 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings: Provide detailed drawings of atypical non-standard applications of cementitious siding materials which are outside the scope of the standard details and specifications provided by the manufacturer.

**\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.**

- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 4 by 6 inches (100 by 150 mm), representing actual product, color, and patterns.

## 1.5 QUALITY ASSURANCE

**\*\* NOTE TO SPECIFIER \*\* Add installer quality assurance provisions. Delete if not required.**

- A. Installer Qualifications: Minimum of 2 years experience with installation of similar products.

**\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant**

**taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.**

- B. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
  - 1. Finish areas designated by Architect.
  - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
  - 3. Remodel mock-up area as required to produce acceptable work.

## 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store siding on edge or lay flat on a smooth level surface. Protect edges and corners from chipping. Store sheets under cover and keep dry prior to installing.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

## 1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.8 WARRANTY

- A. Product Warranty: Limited, non-pro-rated product warranty.
  - 1. HardiePlank HZ10 lap siding for 30 years.
  - 2. HardiPanel HZ10 vertical siding for 30 years.
  - 3. HardieSoffit HZ10 panels for 30 years.
  - 4. HardieShingle HZ10 siding for 30 years.
  - 5. HardieTrim HZ10 boards for 15 years.
  - 6. Artisan HZ10 lap siding for 30 years.
- B. Finish Warranty: Limited product warranty against manufacturing finish defects.
  - 1. When used for its intended purpose, properly installed and maintained according to Hardie's published installation instructions, James Hardie's ColorPlus finish with ColorPlus Technology, for a period of 15 years from the date of purchase: will not peel; will not crack; and will not chip. Finish warranty includes the coverage for labor and material.

**\*\* NOTE TO SPECIFIER \*\* Delete if workmanship warranty not required.**

- C. Workmanship Warranty: Application limited warranty for 2 years.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: James Hardie Building Products, Inc., which is located at: 26300 La Alameda Suite 400 ; Mission Viejo, CA 92691; Toll Free Tel: 866-274-3464; Tel: 949-367-4980; Fax: 949-367-4981; Email: [request info](mailto:request_info@jameshardie.com) ([info@jameshardie.com](mailto:info@jameshardie.com)); Web: [www.jameshardiepros.com](http://www.jameshardiepros.com).

**\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with**

**requirements of Division 1 section on product options and substitutions.**

- B. Substitutions: Not permitted.
- C. Requests for approval of equal substitutions will be considered in accordance with provisions of Section 01600.

2.2 SIDING AND TRIM

- A. HardiePlank HZ10 lap siding, HardiPanel HZ10 vertical siding, HardieSoffit HZ10 panels and HardieShingle HZ10 siding requirement for materials:
  - 1. Fiber-cement siding - complies with ASTM C 1186 Type A Grade II.
  - 2. Fiber-cement siding - complies with ASTM E 136 as a noncombustible material.
  - 3. Fiber-cement siding - complies with ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
  - 4. CAL-FIRE, Fire Engineering Division Building Materials Listing - Wildland Urban Interface (WUI) Listed Product.
  - 5. ICC-ES evaluation reports ESR-2290, ESR-1844, and ESR-2273 (IBC, IRC, CBC, CRC)
  - 6. City of Los Angeles, Research Report No. 24862.
  - 7. Miami Dade County, -Notice of Acceptance -15-0122.04.
  - 8. US Department of Housing and Urban Development Materials Release - 1263f.
  - 9. California DSA PA-019.
  - 10. City of New York M EA 223-93-M.
  - 11. Florida State Product Approval -FL13192, FL13223, and FL13265
  - 12. Texas Department of Insurance Product Evaluation EC-23.

**\*\* NOTE TO SPECIFIER \*\* HardieSoffit vented soffit panel is not a CAL-FIRE, Fire Engineering Division Building Materials Listing - Wildland Urban Interface (WUI) Listed product.**

- B. Artisan HZ10 lap siding requirement for Materials:
  - 1. Fiber-cement siding - complies with ASTM C 1186 Type A Grade II.
  - 2. Fiber-cement siding - complies with ASTM E 136 as a noncombustible material.
  - 3. Fiber-cement Siding - complies with ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
  - 4. ICC-ES evaluation report ESR-2290
  - 5. Intertek Product Listing.
  - 6. CAL-FIRE, Fire Engineering Division Building Materials Listing - Wildland Urban Interface (WUI) Listed Product.
  - 7. Florida State Product Approval FL-13192.
  - 8. Miami Dade County, Florida Notice of Acceptance -15-0122.04.
  - 9. Texas Department of Insurance Product Evaluation EC-55.
  - 10. Manufacturer's Technical Data Sheet.

**\*\* NOTE TO SPECIFIER \*\* Available in 12 foot lengths in varying widths - 5 1/4 inches , 7 1/4 inches and 8 1/4 inches - 4 inches, 6 inches and 7 inches exposures for several aesthetic options. Delete if not required.**

- C. Lap Siding: Artisan HZ10 Lap Siding as manufactured by James Hardie Building Products, Inc.
  - 1. Type: Smooth 5-1/4 inches (133 mm) with 4 inches (102 mm) exposure.
  - 2. Type: Smooth 7-1/4 inches (184 mm) with 6 inches (152 mm) exposure.
  - 3. Type: Smooth 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.
  - 4. Type: Texture 5-1/4 inches (133 mm) with 4 inches (102 mm) exposure.

5. Type: Texture 7-1/4 inches (184 mm) with 6 inches (152 mm) exposure.
6. Type: Texture 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.
7. Type: Beaded 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.

**\*\* NOTE TO SPECIFIER \*\* Available in 12 foot lengths, width as indicated. Delete if not required.**

- D. Lap Siding: Artisan HZ10 Siding with Lock Joint System as manufactured by James Hardie Building Products, Inc.
1. Type: V-Groove 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.
  2. Type: Shiplap 10-1/4 inches (260 mm) with 9 inches (229 mm) exposure.
  3. Type: Square Channel 10-1/4 inches (260 mm) with 9 inches (229 mm) exposure.
  4. Type: Bevel Channel 10-1/4 inches (260 mm) with 9 inches (229 mm) exposure.

**\*\* NOTE TO SPECIFIER \*\* Delete if not required.**

- E. Lap Siding: HardiePlank HZ10 Lap as manufactured by James Hardie Building Products, Inc.
1. Type: Smooth 5-1/4 inches (133 mm) with 4 inches (102 mm) exposure.
  2. Type: Smooth 6-1/4 inches (159 mm) with 5 inches (127 mm) exposure.
  3. Type: Smooth 7-1/4 inches (184 mm) with 6 inches (152 mm) exposure.
  4. Type: Smooth 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.
  5. Type: Smooth 9-1/4 inches (235 mm) with 8 inches (203 mm) exposure.
  6. Type: Smooth 12 inches (305 mm) with 10-3/4 inches (273 mm) exposure.
  7. Type: Select Cedarmill 5-1/4 inches (133 mm) with 4 inches (102 mm) exposure.
  8. Type: Select Cedarmill 6-1/4 inches (159 mm) with 5 inches (127 mm) exposure.
  9. Type: Select Cedarmill 7-1/4 inches (184 mm) with 6 inches (152 mm) exposure.
  10. Type: Select Cedarmill 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.
  11. Type: Select Cedarmill 9-1/4 inches (235 mm) with 8 inches (203 mm) exposure.
  12. Type: Select Cedarmill 12 inches (305 mm) with 10-3/4 inches (273 mm) exposure.
  13. Type: Beaded Smooth 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.
  14. Type: Beaded Cedarmill 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.

**\*\* NOTE TO SPECIFIER \*\* Delete if not required.**

- F. Vertical Siding: HardiePanel HZ10 siding as manufactured by James Hardie Building Products, Inc.
1. Type: Smooth Vertical siding panel 4 feet by 8 feet (1219 mm by 2438 mm).
  2. Type: Smooth Vertical siding panel 4 feet by 9 feet (1219 mm by 2743 mm).
  3. Type: Smooth Vertical siding panel 4 feet by 10 feet (1219 mm by 3048 mm).
  4. Type: Cedarmill Vertical siding panel 4 feet by 8 feet (1219 mm by 2438 mm).
  5. Type: Cedarmill Vertical siding panel 4 feet by 9 feet (1219 mm by 2743 mm).
  6. Type: Cedarmill Vertical siding panel 4 feet by 10 feet (1219 mm by 3048 mm).
  7. Type: Stucco Vertical siding panel 4 feet by 8 feet (1219 mm by 2438 mm).
  8. Type: Stucco Vertical siding panel 4 feet by 9 feet (1219 mm by 2743 mm).
  9. Type: Stucco Vertical siding panel 4 feet by 10 feet (1219 mm by 3048 mm).
  10. Type: Sierra 8 inches (203 mm) Vertical siding panel 4 feet by 8 feet (1219

- mm by 2438 mm).
11. Type: Sierra 8 inches (203 mm) Vertical siding panel 4 feet by 9 feet (1219 mm by 2743 mm).
  12. Type: Sierra 8 inches (203 mm) Vertical siding panel 4 feet by 10 feet (1219 mm by 3048 mm).

**\*\* NOTE TO SPECIFIER \*\* Delete if not required.**

- G. Shingle Siding: HardieShingle HZ10 siding as manufactured by James Hardie Building Products, Inc.
1. Type: HardiShingle Individual Shingles 6 inches (152 mm) wide by 18 inches (457 mm) high with 8 inches (203 mm) exposure.
  2. Type: HardiShingle Individual Shingles 8 inches (203 mm) wide by 18 inches (457 mm) high with 8 inches (203 mm) exposure.
  3. Type: HardiShingle Individual Shingles 12 inches (305 mm) wide by 18 inches (457 mm) high with 8 inches (203 mm) exposure.
  4. Type: HardieShingle Straight-Edge Notched Panel 48 inches (1219 mm) wide by 16 inches (406mm) high with 7 inches (178 mm) exposure.
  5. Type: HardieShingle Staggered-Edge Notched Panel 48 inches (1219 mm) wide by 16 inches (406mm) high with 7 inches (178 mm) exposure.
  6. Type: HardieShingle Half Round Notched Panel 48 inches (1219 mm) wide by 19 inches (483mm) high with 7 inches (178 mm) exposure.
  7. Type: Sierra 8 inches (203 mm) Vertical siding panel 4 feet by 10 feet (1219 mm by 3048 mm).

**\*\* NOTE TO SPECIFIER \*\* Delete if not required.**

- H. Soffit Panels: HardieSoffit HZ10 soffit panel, factory sealed on 5 sides as manufactured by James Hardie Building Products, Inc.
1. Type: Smooth non-vented, 12 inches (305 mm) by 12 feet (3658 mm).
  2. Type: Smooth non-vented, 16 inches (406 mm) by 12 feet (3658 mm).
  3. Type: Smooth non-vented, 24 inches (610 mm) by 8 feet (2438 mm).
  4. Type: Smooth vented, provides 5 square inches (32.3 sq.cm) of net free ventilation per linear foot, 12 inches (305 mm) by 12 feet (3658 mm).
  5. Type: Smooth vented, provides 5 square inches (32.3 sq.cm) of net free ventilation per linear foot, 16 inches (406 mm) by 12 feet (3658 mm),
  6. Type: Smooth vented, provides 5 square inches (32.3 sq.cm) of net free ventilation per linear foot, 24 inches (610 mm) by 8 feet (2438 mm).
  7. Type: Textured Cedarmill non-vented, 12 inches (305 mm) by 12 feet (3658 mm).
  8. Type: Textured Cedarmill non-vented, 16 inches (406 mm) by 12 feet (3658 mm).
  9. Type: Textured Cedarmill non-vented, 24 inches (610 mm) by 8 feet (2438 mm).
  10. Type: Textured Cedarmill vented, provides 5 square inches (32.3 sq.cm) of net free ventilation per linear foot, 12 inches (305 mm) by 12 feet (3658 mm).
  11. Type: Textured Cedarmill vented, provides 5 square inches (32.3 sq.cm) of net free ventilation per linear foot, 16 inches (406 mm) by 12 feet (3658 mm).
  12. Type: Textured Cedarmill vented, provides 5 square inches (32.3 sq.cm) of net free ventilation per linear foot, 24 inches (610 mm) by 8 feet (2438 mm).
  13. Thickness: 1/4 inch (6 mm).

I. Trim:

**\*\* NOTE TO SPECIFIER \*\* Delete trim type not required.**

1. HardieTrim HZ10 boards as manufactured by James Hardie Building Products, Inc.
  - a. Product: Batten Boards, 2-1/2 inch (63 mm) width.

- b. Product: 4/4 Boards, 3-1/2 inch (89 mm) width.
  - c. Product: 4/4 Boards, 5-1/2 inch (140 mm) width.
  - d. Product: 4/4 Boards, 7-1/4 inch (184 mm) width.
  - e. Product: 4/4 Boards, 9-1/4 inch (235 mm) width.
  - f. Product: 4/4 Boards, 11-1/4 inch (286 mm) width.
  - g. Product: 4/4 NT3 Boards, 3-1/2 inch (89 mm) width.
  - h. Product: 4/4 NT3 Boards, 5-1/2 inch (140 mm) width.
  - i. Product: 4/4 NT3 Boards, 7-1/4 inch (184 mm) width.
  - j. Product: 4/4 NT3 Boards, 9-1/4 inch (235 mm) width.
  - k. Product: 4/4 NT3 Boards, 11-1/4 inch (286 mm) width.
  - l. Product: 5/4 Boards, 3-1/2 inch (89 mm) width.
  - m. Product: 5/4 Boards, 5-1/2 inch (140 mm) width.
  - n. Product: 5/4 Boards, 7-1/4 inch (184 mm) width.
  - o. Product: 5/4 Boards, 9-1/4 inch (235 mm) width.
  - p. Product: 5/4 Boards, 11-1/4 inch (286 mm) width.
  - q. Product: 5/4 NT3 Boards, 3-1/2 inch (89 mm) width.
  - r. Product: 5/4 NT3 Boards, 4-1/2 inch (114 mm) width.
  - s. Product: 5/4 NT3 Boards, 5-1/2 inch (140 mm) width.
  - t. Product: 5/4 NT3 Boards, 7-1/4 inch (184 mm) width.
  - u. Product: 5/4 NT3 Boards, 11-1/4 inch (286 mm) width.
  - v. Texture: Smooth.
  - w. Texture: Rustic.
  - x. Texture: Wood Grained.
  - y. Length: 12 feet (3658 mm).
  - z. Thickness: 3/4 inch (19 mm).
  - aa. Thickness: 1 inch (24 mm).
- 2. HardieTrim HZ10 Fascia boards as manufactured by James Hardie Building Products, Inc.
  - 3. Artisan HZ10 Accent trim as manufactured by James Hardie Building Products, Inc.
  - 4. Fiber-cement trim - complies with ASTM C 1186 Type A Grade II.
  - 5. Fiber-cement trim - complies with ASTM E 136 as a noncombustible material.
  - 6. Fiber-cement trim - complies with ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
  - 7. Intertek Product Listing.

**\*\* NOTE TO SPECIFIER \*\* Delete 2X boards if not required.**

- J. 2X Smooth HardieTrim:
  - 1. 2X Smooth HardieTrim manufactured by James Hardie Building Products, Inc.
  - 2. Overall Thickness: 1-1/2 in (38 mm).

**\*\* NOTE TO SPECIFIER \*\* Delete widths not required.**

- 3. Width: 3-1/2 inch (89 mm).
- 4. Width: 5-1/2 inch (140 mm).
- 5. Width: 7-1/4 inch (184 mm).
- 6. Width: 9-1/4 inch (235 mm).
- 7. Width: 11-1/4 inch (286 mm).
- 8. Texture: Smooth.

**\*\* NOTE TO SPECIFIER \*\* Delete moldings if not required.**

- K. Crown Mouldings:
  - 1. HardieTrim HZ10 Crown moulding manufactured by James Hardie Building Products, Inc.

## 2.3 FASTENERS

**\*\* NOTE TO SPECIFIER \*\* Refer to applicable building code compliance reports for maximum basic wind speed for exposure category and/or applicable shear values and select one fastener, delete all that do not apply: \*\* NOTE TO SPECIFIER \*\* When fastening through maximum 1 inch thick foam insulation, increase the length of the fastener by the thickness of insulation.**

- A. Wood Framing Fasteners:
1. Wood Framing: 4d common corrosion resistant nails.
  2. Wood Framing: 6d common corrosion resistant nails.
  3. Wood Framing: 8d box ring common corrosion resistant nails.
  4. Wood Framing: 0.089 inch (2.2 mm) shank by 0.221 inch (5.6 mm) head by 2 inches (51 mm) corrosion resistant siding nails.
  5. Wood Framing: 0.093 inch (2.4 mm) shank by 0.222 inch (5.6 mm) head by 2 inches (51 mm) corrosion resistant siding nails.
  6. Wood Framing: 0.093 inch (2.4 mm) shank by 0.222 inch (5.6 mm) head by 2-1/2 inches (64 mm) corrosion resistant siding nails.
  7. Wood Framing: 0.091 inch (2.3 mm) shank by 0.221 inch (5.6 mm) head by 1-1/2 inches (38 mm) corrosion resistant siding nails.
  8. Wood Framing: 0.091 inch (2.3 mm) shank by 0.225 inch (5.7 mm) head by 1-1/2 inches (38 mm) corrosion resistant siding nails.
  9. Wood Framing: 0.121 inch (3 mm) shank by 0.371 inch (9.4 mm) head by 1-1/4 inches (32 mm) corrosion resistant roofing nails.
  10. Wood Framing: No. 11 gauge 1-1/4 inches (32 mm) corrosion resistant roofing nails.
  11. Wood Framing: No. 11 gauge 1-1/2 inches (38 mm) corrosion resistant roofing nails.
  12. Wood Framing: No. 11 gauge 1-3/4 inches (44 mm) corrosion resistant roofing nails.
- B. Metal Framing:
1. Metal Framing: 1-1/4 inches (32 mm) No. 8-18 by 0.375 inch (9.5 mm) head self-drilling, corrosion resistant S-12 ribbed buglehead screws.
  2. Metal Framing: 1-5/8 inches (41 mm) No. 8-18 by 0.323 inch (8.2 mm) head self-drilling, corrosion resistant S-12 ribbed buglehead screws.
  3. Metal Framing: 1 inch (25 mm) No. 8-18 by 0.323 inch (8.2 mm) head self-drilling, corrosion resistant ribbed buglehead screws.
  4. Metal Framing: 1 inch (25 mm) No. 8-18 by 0.311 inch (7.9 mm) head self-drilling, corrosion resistant S-12 ribbed buglehead screws.
  5. Metal Framing: 1.5 inch (38mm) [AGS-100] .100 inches by 25 inches (2540 mm by 635 mm) ET&F Pin or equivalent pneumatic fastener.
- C. Masonry Walls:
1. Masonry Walls: Aerico Stud Nail, ET&F ASM No.-144-125, 0.14 inch (3.6 mm) shank by 0.30 inch (7.6 mm) head by 2 inches (51 mm) long corrosion resistant nails.

**\*\* NOTE TO SPECIFIER \*\* Certain geographic areas allow a minimum single coat of 100% acrylic or exterior grade latex, high quality alkali resistant paint on unprimed product. James Hardie recommends, minimum one coat primer plus on or two topcoats.**

## 2.4 FINISHES

**\*\* NOTE TO SPECIFIER \*\* Field painted option: Delete if not required.**

- A. Factory Primer: Provide factory applied universal primer.
1. Primer: Factory primed by James Hardie.

**\*\* NOTE TO SPECIFIER \*\* The use of oil based paints on unprimed fiber cement could**

**result in increased surface roughness, loss of adhesion, cracking or excessive chalking. James Hardie does not recommend the use of oil based paints over unprimed fiber cement siding products. Stains containing linseed oil are specifically designed for wood and may not be suitable for fiber cement siding products, primed or unprimed.**

2. Topcoat: Refer to Section 09900 and Exterior Finish Schedule.

**\*\* NOTE TO SPECIFIER \*\* All of the siding and trim products (not including Artisan Lap Siding products) are available with a factory applied baked on paint finish. Delete if not required.**

B. Factory Finish: Refer to Exterior Finish Schedule.

**\*\* NOTE TO SPECIFIER \*\* Delete colors not applicable as color availability varies by region, Refer to James Hardie Color Plus website (<http://www.jameshardiecolorplus.com>) to check which colors are available for your project.**

1. Product: ColorPlus Technology by James Hardie.
2. Definition: Factory applied finish; defined as a finish applied in the same facility and company that manufactures the siding substrate.
3. Process:
  - a. Factory applied finish by fiber cement manufacturer in a controlled environment within the fiber cement manufacturer's own facility utilizing a multi-coat, heat cured finish within one manufacturing process.
  - b. Each finish color must have documented color match to delta E of 0.5 or better between product lines, manufacturing lots or production runs as measured by photospectrometer and verified by third party.
4. Protection: Factory applied finish protection such as plastic laminate that is removed once siding is installed
5. Accessories: Complete finishing system includes pre-packaged touch-up kit provided by fiber cement manufacturer. Provide quantities as recommended by manufacturer.

**\*\* NOTE TO SPECIFIER \*\* All of the siding and trim products (not including Artisan Lap Siding products) are available with a factory applied baked on paint finish. Delete if not required.**

C. Factory Finish Color for Trim, Soffit and Siding Colors:

**\*\* NOTE TO SPECIFIER \*\* Indicate colors for trim(s), soffit(s) and siding(s) keyed and cross referenced to drawings as Trim-1, Trim-2, Soffit-1, Soffit-2, Siding-1, Siding-2, etc. Delete colors not required.**

1. Alpine Frost JH50-10.
2. Arctic White JH10-20.
3. Autumn Tan JH20-20.
4. Boothbay Blue JH70-20.
5. Chestnut Brown JH80-30.
6. Cobble Stone JH40-10.
7. Countrylane Red JH90-20.
8. Evening Blue JH70-30.
9. Frosted Green JH60-20.
10. Harris Cream JH80-10.
11. Heathered Moss JH50-20.
12. Iron Gray JH90-30.
13. Khaki Brown JH20-30.
14. Light Mist JH70-10.
15. Monterey Taupe JH40-20.
16. Mountain Sage JH50-30.
17. Navajo Beige JH30-10.
18. Parkside Pine JH60-30.
19. Sail Cloth JH20-10.

20. Sandstone Beige JH30-20.
21. Soft Green JH60-10.
22. Timber Bark JH40-30.
23. Traditional Red JH90-10.
24. Tuscan Gold JH80-20.
25. Woodland Cream JH10-30.
26. Woodstock Brown JH30-30.
27. Terra Cotta JH15-20.
28. Coral Coast JH25-20.
29. Aqua Marine JH35-20.
30. Cool Breeze JH45-20.
31. Pink Sand JH55-20.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If framing preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

**\*\* NOTE TO SPECIFIER \*\* Wood framing provisions. Delete if not required.**

- C. Nominal 2 inch by 4 inch (51 mm by 102 mm) wood framing selected for minimal shrinkage and complying with local building codes, including the use of water-resistive barriers or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
  1. Install water-resistive barriers and claddings to dry surfaces.
  2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
  3. Protect siding from other trades.

**\*\* NOTE TO SPECIFIER \*\* Metal framing provisions. Delete if not required.**

- D. Minimum 20 gauge (33 mm) 3-5/8 inch (92 mm) C-Stud 16 inches maximum on center or 16 gauge (54 mm) 3-5/8 inches (92 mm) C-Stud 24 inches (610 mm) maximum on center metal framing complying with local building codes, including the use of water-resistive barriers and/or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
  1. Install water-resistive barriers and claddings to dry surfaces.
  2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
  3. Protect siding from other trades.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Install a water-resistive barrier is required in accordance with local building code requirements.
- D. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements.
- E. Install Engineered for Climate HardieWrap weather barrier in accordance with local

building code requirements.

- F. Use HardieWrap Seam Tape and joint and laps.
- G. Install and HardieWrap flashing, HardieWrap Flex Flashing.

### 3.3 INSTALLATION - HARDIEPLANK HZ10 LAP SIDING, ARTISAN HZ10 LAP SIDING, AND ARTISAN HZ10 LAP SIDING WITH LOCK JOINT SYSTEM

**\*\* NOTE TO SPECIFIER \*\* Local building code may permit the use of "water-repellent panel sheathing" instead of a "building paper type" water-resistive barrier. However, the manufacturer recommends the use of a "building paper type" water-resistive barrier in all siding applications. A vapor barrier may also be required. \*\* NOTE TO SPECIFIER \*\* Hardieplank Siding and Artisan Matrix Lap Siding may be installed either directly to the structural framing or up to 9-1/2 inches siding may be face nailed on minimum 7/16 inch OSB or equivalent sheathing.**

- A. Install materials in strict accordance with manufacturer's installation instructions.
- B. Starting: Install a minimum 1/4 inch (6 mm) thick lath starter strip at the bottom course of the wall. Apply planks horizontally with minimum 1-1/4 inches (32 mm) wide laps at the top. The bottom edge of the first plank overlaps the starter strip.
- C. Allow minimum vertical clearance between the edge of siding and any other material in strict accordance with the manufacturer's installation instructions.

**\*\* NOTE TO SPECIFIER \*\* Delete siding installation not required. Paragraph below is not applicable to Artisan Lap.**

- D. Align vertical joints of the planks over framing members.

**\*\* NOTE TO SPECIFIER \*\* Delete siding installation not required. Paragraph below applies to Artisan Lap with Lock Joint System.**

- E. Butt joints must not fall within 4 inches (102 mm) of a stud. Do not nail within 2 inches (51 mm) of the end of planks.
- F. Maintain clearance between siding and adjacent finished grade.
- G. Locate splices at least one stud cavity away from window and door openings.
- H. For proper fastener selection and fastening schedules for various wind load requirements and framing options, refer to the Technical Data Sheet at [www.aspyredesign.com](http://www.aspyredesign.com).

**\*\* NOTE TO SPECIFIER \*\* Delete siding installation not required.**

- I. Face nail to sheathing.
- J. Locate splices at least 12 inches (305 mm) away from window and door openings.

### 3.4 INSTALLATION - HARDIEPANEL HZ10 VERTICAL SIDING

**\*\* NOTE TO SPECIFIER \*\* Local building code may permit the use of "water-repellent panel sheathing" instead of a "building paper type" water-resistive barrier. However, the manufacturer recommends the use of a "building paper type" water-resistive barrier in all siding applications. A vapor barrier may also be required.**

- A. Install materials in strict accordance with manufacturer's installation instructions.
- B. Block framing between studs where HardiePanel siding horizontal joints occur.

- C. Install metal Z flashing and provide a 1/4 inch (6 mm) gap at horizontal panel joints.
- D. Place fasteners no closer than 3/8 inch (9.5 mm) from panel edges and 2 inches (51 mm) from panel corners.
- E. Allow minimum vertical clearance between the edge of siding and any other material in strict accordance with the manufacturer's installation instructions.
- F. Maintain clearance between siding and adjacent finished grade.
- G. Specific framing and fastener requirements refer to Tables 2 and 3 in National Evaluation Service Report No. NER-405.
- H. Factory Finish Touch Up: Apply touch up paint to cut edges in accordance with manufacturer's printed instructions.
  1. Touch-up nicks, scrapes, and nail heads in pre-finished siding using the manufacturer's touch-up kit pen.
  2. Touch-up of nails shall be performed after application, but before plastic protection wrap is removed to prevent spotting of touch-up finish.
  3. Use touch-up paint sparingly. If large areas require touch-up, replace the damaged area with new pre-finished siding. Match touch up color to siding color through use of manufacturer's branded touch-up kits.

### 3.5 INSTALLATION - HARDIE HZ10 SHINGLESIDE CLADDING

**\*\* NOTE TO SPECIFIER \*\* Local building code may permit the use of "water-repellent panel sheathing" instead of a "building paper type" water-resistive barrier. However, the manufacturer recommends the use of a "building paper type" water-resistive barrier in all siding applications. A vapor barrier may also be required.**

- A. Install materials in strict accordance with manufacturer's installation instructions.
- B. Substrate: Install a minimum 7/16 inch (11 mm) thick OSB wall sheathing or equivalent braced walls complying with applicable building codes.
- C. Starting: Install a minimum 1/4 inch (6 mm) thick lath starter strip at the bottom course of the wall.
- D. Maintain clearance between siding and adjacent finished grade.
- E. Apply starter course of 10 inches (254 mm) shingles or 9-1/2 inches (241 mm) lap siding overlapping the starter strip.
- F. Apply subsequent courses horizontally with a minimum 10 inch overlap at the top and a minimum 2 inch (51 mm) side lap. The bottom edge of the first two courses overlaps the starter strip.
- G. Fasten between 1/2 inch (13 mm) and 1 inch (25 mm) in from the side edge and between 8-1/2 inches (216 mm) and 9 inches (229 mm) up from the shingle bottom edge.
- H. Allow minimum vertical clearance between the edge of siding and any other material in strict accordance with the manufacturer's installation instructions.
- I. Ensure vertical joints of overlapping shingle course do not align.
- J. Wind Resistance: Where a specified level of wind resistance is required, Hardie Shingle siding is installed to substrate and secured with a minimum two fasteners described in Table No. 6, 7 and 8 in National Evaluation Service Report No. NER-

405.

### 3.6 INSTALLATION - HARDIETRIM HZ10 BOARDS

- A. Install materials in strict accordance with manufacturer's installation instructions. Install flashing around all wall openings.
- B. Fasten through trim into structural framing or code complying sheathing. Fasteners must penetrate minimum 3/4 inch (19 mm) or full thickness of sheathing. Additional fasteners may be required to ensure adequate security.
- C. Place fasteners no closer than 3/4 inch (19 mm) and no further than 2 inches (51 mm) from side edge of trim board and no closer than 1 inch (25 mm) from end. Fasten maximum 16 inches (406 mm) on center.
- D. Maintain clearance between trim and adjacent finished grade.

**\*\* NOTE TO SPECIFIER \*\* For 3/4 inch, 1 inch, and 1-1/2 inches (19 mm, 25 mm and 38 mm) trim, Delete trim style not required.**

- E. Trim inside corner with a single board trim both side of corner.

**\*\* NOTE TO SPECIFIER \*\* Outside corner construction options. Delete construction option not required.**

- F. Outside Corner Board Attach Trim on both sides of corner with 16 gage corrosion resistant finish nail 1/2 inch (13 mm) from edge spaced 16 inches (406 mm) apart, weather cut each end spaced minimum 12 inches (305 mm) apart.
- G. Allow 1/8 inch gap between trim and siding.
- H. Seal gap with high quality, paint-able caulk.
- I. Shim frieze board as required to align with corner trim..

**\*\* NOTE TO SPECIFIER \*\* For 1/2 inch (13 mm) trim. Delete trim style not required.**

- J. Fasten through overlapping boards. Do not nail between lap joints.
- K. Overlay siding with single board of outside corner board then align second corner board to outside edge of first corner board. Do not fasten HardieTrim boards to HardieTrim boards.
- L. Shim frieze board as required to align with corner trim.
- M. Install HardieTrim Fascia boards to rafter tails or to sub fascia.

**\*\* NOTE TO SPECIFIER \*\* All of the siding and trim products (not including Artisan Lap products) are available with a factory applied baked on paint finish. Delete if field finishing not required.**

### 3.7 FINISHING

**\*\* NOTE TO SPECIFIER \*\* Certain geographic areas allow minimum shingle coat of 100 percent acrylic or latex exterior grade, high quality alkali resistant paint on unprimed product. James Hardie recommends minimum one coat primer plus one topcoat, or two topcoats for best results. Delete finish not required.**

- A. Finish unprimed siding with a minimum one coat high quality, alkali resistant primer and one coat of either, 100 percent acrylic or latex or oil based, exterior grade topcoats or two coats high quality alkali resistant 100 percent acrylic or latex, exterior grade topcoat within 90 days of installation. Follow paint manufacturer's

written product recommendation and written application instructions.

- B. Finish factory primed siding with a minimum of one coat of high quality 100 percent acrylic or latex or oil based exterior grade paint within 180 days of installation. Follow paint manufacturer's written product recommendation and written application instructions.

### 3.8 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION